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(71) Applicant (for all designated States except US): BioXell SpA [IT/IT]; via Olgettina 58, I-20132 Milan (IT).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): COLLI, Enrico [IT/IT]; BioXell SpA, via Olgettina 58, I-20132 Milan
- (74) Agent: Sagittarius IPC Limited; Taylor House, 39 High Street, Marlow Buckinghamshire SL7 1AF (GB).
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(57) Abstract: There is provided according to the invention a vitamin D compound for use in the prevention and/or treatment of interstitial cystitis. Also provided is a method for preventing and/or treating interstitial cystitis by administering an effective amount of a vitamin D compound.